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APPLICANT : KAO CORP;

INVENTOR : EBARA MASAYOSHI;

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TITLE : ADDITIVE FOR HYDRAULIC COMPOSITION

ABSTRACT : PROBLEM TO BE SOLVED: To provide an additive for a hydraulic compsn. which shows excellent fluidity and separation resistance, good self-filling property, excellent initial strength and resistance against changes in the water amt. on the aggregate surface.

SOLUTION: This additive contains a water-soluble polymer having <10% adsorptivity of adsorption characteristics to a cement, polysaccharide derivs. and a high-performance dewatering agent. The polysaccharide derivs. consist of polysaccharides or their alkylated or hydroxyalkylated derivs. in which hydrophobic substituents (A) having 8-40C hydrocarbon chains as a partial structure and ionic hydrophilic substituents (B) having one or more groups selected from sulfonic acid groups, carboxyl groups, phosphoric acid groups, sulfate groups or salts of these as a partial structure are substituted for hydrogen atoms of a part or whole hydroxyl groups.

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